

09913901_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09913901 on May 08, 2003

16	162/359.1	(1 OR, 15 XR)
	Class 162 :	PAPER MAKING AND FIBER LIBERATION
	162/232	APPARATUS
	162/289	.Running or indefinite length product forming and/or treating means
	162/358.1	..Press and felt
	162/359.1	...With separate heated drying means
12	162/306	(2 OR, 10 XR)
	Class 162 :	PAPER MAKING AND FIBER LIBERATION
	162/232	APPARATUS
	162/289	.Running or indefinite length product forming and/or treating means
	162/306	..Means removing web product from molding surface
10	34/114	(6 OR, 4 XR)
	Class 034 :	DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
	34/523	APPARATUS
	34/108	.Rotary drums or receptacles
	34/110	..External
	34/113	...Plural
	34/114Gas or vapor circulation for contact with treated material
9	34/116	(0 OR, 9 XR)
	Class 034 :	DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
	34/523	APPARATUS
	34/108	.Rotary drums or receptacles
	34/110	..External
	34/113	...Plural
	34/116With belts or felts
9	162/360.2	(2 OR, 7 XR)
	Class 162 :	PAPER MAKING AND FIBER LIBERATION
	162/232	APPARATUS
	162/289	.Running or indefinite length product forming and/or treating means
	162/358.1	..Press and felt
	162/360.2	...Plural sequential presses
8	34/117	(1 OR, 7 XR)
	Class 034 :	DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
	34/523	APPARATUS
	34/108	.Rotary drums or receptacles
	34/110	..External
	34/113	...Plural
	34/116With belts or felts
	34/117With threading, stripping, or guiding devices
7	34/115	(3 OR, 4 XR)

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Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS

34/523 APPARATUS

34/108 .Rotary drums or receptacles

34/110 ..External

34/113 ...Plural

34/114Gas or vapor circulation for contact with treated material

34/115Through material or introduction through drum

7 162/305 (3 OR, 4 XR)

Class 162 : PAPER MAKING AND FIBER LIBERATION

162/232 APPARATUS

162/289 .Running or indefinite length product forming and/or treating means

162/305 ..Molds with subsequent separate pressing means

7 162/358.3 (0 OR, 7 XR)

Class 162 : PAPER MAKING AND FIBER LIBERATION

162/232 APPARATUS

162/289 .Running or indefinite length product forming and/or treating means

162/358.1 ..Press and felt

162/358.3 ...Extended nip press

5 162/205 (5 OR, 0 XR)

Class 162 : PAPER MAKING AND FIBER LIBERATION

162/100 PROCESSES AND PRODUCTS

162/202 .Running or indefinite length work forming and/or treating processes (e.g., web)

162/204 ..Subsequent treatment of formed web

162/205 ...Pressure

5 162/290 (1 OR, 4 XR)

Class 162 : PAPER MAKING AND FIBER LIBERATION

162/232 APPARATUS

162/289 .Running or indefinite length product forming and/or treating means

162/290 ..Molding and heat exchange means

5 162/360.3 (2 OR, 3 XR)

Class 162 : PAPER MAKING AND FIBER LIBERATION

162/232 APPARATUS

162/289 .Running or indefinite length product forming and/or treating means

162/358.1 ..Press and felt

162/360.2 ...Plural sequential presses

162/360.3Having three or more coacting rolls (e.g., compact press, etc.)

5 162/363 (0 OR, 5 XR)

Class 162 : PAPER MAKING AND FIBER LIBERATION

162/232 APPARATUS

162/289 .Running or indefinite length product forming and/or treating means

162/363 ..Suction devices

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- 4 162/193 (2 OR, 2 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/100 PROCESSES AND PRODUCTS
 162/193 .Lead strip forming and/or guiding
- 4 162/307 (0 OR, 4 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 .Running or indefinite length product forming
 and/or treating means
 162/306 ..Means removing web product from molding
 surface
 162/307 ...Blow off acting through mold
- 3 34/120 (0 OR, 3 XR)
 Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
 34/523 APPARATUS
 34/108 .Rotary drums or receptacles
 34/110 ..External
 34/113 ...Plural
 34/120Threading, stripping, or guiding devices
- 3 34/122 (0 OR, 3 XR)
 Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
 34/523 APPARATUS
 34/108 .Rotary drums or receptacles
 34/110 ..External
 34/122 ...Gas or vapor circulation for contact with
 treated material
- 3 162/111 (0 OR, 3 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/100 PROCESSES AND PRODUCTS
 162/109 .Non-uniform, irregular or configured web or
 sheet
 162/111 ..Creping and/or crinkling
- 3 162/206 (0 OR, 3 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/100 PROCESSES AND PRODUCTS
 162/202 .Running or indefinite length work forming
 and/or treating processes (e.g., web)
 162/204 ..Subsequent treatment of formed web
 162/205 ...Pressure
 162/206With heating and/or cooling
- 3 162/207 (2 OR, 1 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/100 PROCESSES AND PRODUCTS
 162/202 .Running or indefinite length work forming
 and/or treating processes (e.g., web)
 162/204 ..Subsequent treatment of formed web
 162/207 ...Heating, cooling, gas or vapor contact
- 3 162/280 (2 OR, 1 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS

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- 162/280 .Web creping or crinkling type
- 3 162/301 (2 OR, 1 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 .Running or indefinite length product forming
 and/or treating means
 162/300 ..Plural molds or plural spaced areas of
 application on a single mold
 162/301 ...Common vat or stock feed
- 3 162/358.1 (0 OR, 3 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 .Running or indefinite length product forming
 and/or treating means
 162/358.1 ..Press and felt
- 3 162/370 (0 OR, 3 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 .Running or indefinite length product forming
 and/or treating means
 162/363 ..Suction devices
 162/367 ...Traveling suction face
 162/368Rotary pervious cylinder
 162/369With non-rotating internal suction box
 162/370Plural suction areas
- 3 162/374 (1 OR, 2 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 .Running or indefinite length product forming
 and/or treating means.
 162/363 ..Suction devices
 162/374 ...Wear face structures and materials
- 2 34/123 (0 OR, 2 XR)
 Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
 34/523 APPARATUS
 34/108 .Rotary drums or receptacles
 34/110 ..External
 34/123 ...With belts or felts
- 2 34/456 (2 OR, 0 XR)
 Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
 34/282 PROCESS
 34/443 .Gas or vapor contact with treated material
 34/444 ..Sheet, web, or strand
 34/454 ...With contact with heat exchanger (e.g., drum
 or roller)
 34/455Pocket ventilator
 34/456Vacuum causes web to contact wire or felt
- 2 34/457 (0 OR, 2 XR)
 Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS

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- 34/282 PROCESS
- 34/443 .Gas or vapor contact with treated material
- 34/444 ..Sheet, web, or strand
- 34/454 ...With contact with heat exchanger (e.g., drum or roller)
- 34/455Pocket ventilator
- 34/457With guide roller

- 2 34/458 (1 OR, 1 XR)
- Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS

- 34/282 PROCESS
- 34/443 .Gas or vapor contact with treated material
- 34/444 ..Sheet, web, or strand
- 34/454 ...With contact with heat exchanger (e.g., drum or roller)
- 34/458With vacuum guide roller

- 2 162/116 (0 OR, 2 XR)
- Class 162 : PAPER MAKING AND FIBER LIBERATION
- 162/100 PROCESSES AND PRODUCTS
- 162/109 .Non-uniform, irregular or configured web or sheet
- 162/116 ..By configured forming mold

- 2 162/194 (0 OR, 2 XR)
- Class 162 : PAPER MAKING AND FIBER LIBERATION
- 162/100 PROCESSES AND PRODUCTS
- 162/194 .With cutting and/or slitting

- 2 162/203 (1 OR, 1 XR)
- Class 162 : PAPER MAKING AND FIBER LIBERATION
- 162/100 PROCESSES AND PRODUCTS
- 162/202 .Running or indefinite length work forming and/or treating processes (e.g., web)
- 162/203 ..Forming single web between opposed forming surfaces

- 2 162/214 (0 OR, 2 XR)
- Class 162 : PAPER MAKING AND FIBER LIBERATION
- 162/100 PROCESSES AND PRODUCTS
- 162/202 .Running or indefinite length work forming and/or treating processes (e.g., web)
- 162/212 ..Directing slurry into association with mold
- 162/214 ...Pressure forming

- 2 162/286 (1 OR, 1 XR)
- Class 162 : PAPER MAKING AND FIBER LIBERATION
- 162/232 APPARATUS
- 162/286 .With cutting, scoring, perforating or tearing

- 2 162/300 (0 OR, 2 XR)
- Class 162 : PAPER MAKING AND FIBER LIBERATION
- 162/232 APPARATUS
- 162/289 .Running or indefinite length product forming and/or treating means

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- 162/300 ..Plural molds or plural spaced areas of
 application on a single mold
- 2 162/358.2 (0 OR, 2 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 ..Running or indefinite length product forming
 and/or treating means
 162/358.1 ..Press and felt
 162/358.2 ...With felt structure or felt composition
- 2 162/361 (0 OR, 2 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 ..Running or indefinite length product forming
 and/or treating means
 162/361 ..Solid means acting on formed web
- 2 162/368 (0 OR, 2 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 ..Running or indefinite length product forming
 and/or treating means
 162/363 ..Suction devices
 162/367 ...Traveling suction face
 162/368 Rotary pervious cylinder
- 2 162/372 (0 OR, 2 XR)
 Class 162 : PAPER MAKING AND FIBER LIBERATION
 162/232 APPARATUS
 162/289 ..Running or indefinite length product forming
 and/or treating means
 162/363 ..Suction devices
 162/367 ...Traveling suction face
 162/368 Rotary pervious cylinder
 162/372 Shell structure
- 2 226/91 (1 OR, 1 XR)
 Class 226 : ADVANCING MATERIAL OF INDETERMINATE LENGTH
 226/91 THREADING DEVICE
- 2 226/95 (2 OR, 0 XR)
 Class 226 : ADVANCING MATERIAL OF INDETERMINATE LENGTH
 226/93 WITH ADHERENCE OR ATTRACTION OF MATERIAL TO
 ADVANCING MEANS
 226/95 .By pneumatic pressure

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PLUS Search Results for S/N 09913901, Searched May 08, 2003

5515619
4359828
5246653
5609728
6461478
4016032
5915613
5933981
4551205
5537755
4505052
4843670
5993605
4452669
5813136
3839146
6287426
4440598
5968319
6192597
6032385
5022163
5858175
6174414
6328194
5888354
5951821
6103066
4526655
5600897
5308450
5431787
5820733
6131784
4008122
4113557
4361466
4441263
4443300
4943351
5044094
5037509
5306395
5397437
5737848
6358366
6425980
6442865
6231723
6458246

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Most Frequently Occurring Classifications of Patents Returned
From A Search of 09913901 on May 08, 2003

Original Classifications

6	34/114
5	162/205
3	34/115
3	162/305
2	34/456
2	162/193
2	162/207
2	162/280
2	162/301
2	162/306
2	162/360.2
2	162/360.3
2	226/95

Cross-Reference Classifications

15	162/359.1
10	162/306
9	34/116
7	34/117
7	162/358.3
7	162/360.2
5	162/363
4	34/114
4	34/115
4	162/290
4	162/305
4	162/307
3	34/120
3	34/122
3	162/111
3	162/206
3	162/358.1
3	162/360.3
3	162/370
2	34/123
2	34/457
2	162/116
2	162/193
2	162/194
2	162/214
2	162/300
2	162/358.2
2	162/361
2	162/368
2	162/372
2	162/374

Combined Classifications

16	162/359.1
12	162/306
10	34/114
9	34/116
9	162/360.2
8	34/117

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7 34/115
7 162/305
7 162/358.3
5 162/205
5 162/290
5 162/360.3
5 162/363
4 162/193
4 162/307
3 34/120
3 34/122
3 162/111
3 162/206
3 162/207
3 162/280
3 162/301
3 162/358.1
3 162/370
3 162/374
2 34/123
2 34/456
2 34/457
2 34/458
2 162/116
2 162/194
2 162/203
2 162/214
2 162/286
2 162/300
2 162/358.2
2 162/361
2 162/368
2 162/372
2 226/91
2 226/95